

Title (en)

DEVICE FOR EXTRACORPOREAL BLOOD TREATMENT AND DEVICE FOR COLLECTING BLOOD CLOTS, AND METHOD FOR DETERMINING A HEMODYNAMIC PARAMETER DURING AN EXTRACORPOREAL BLOOD TREATMENT

Title (de)

VORRICHTUNG ZUR EXTRAKORPORALEN BLUTBEHANDLUNG UND VORRICHTUNG ZUM SAMMELN VON BLUTGERINNSELN SOWIE VERFAHREN ZUM BESTIMMEN EINES HÄMODYNAMISCHEN PARAMETERS WÄHREND EINER EXTRAKORPORALEN BLUTBEHANDLUNG

Title (fr)

DISPOSITIF POUR LE TRAITEMENT SANGUIN EXTRACORPOREL ET DISPOSITIF POUR LA COLLECTE DE CAILLOTS DE SANG AINSI QUE PROCÉDÉ POUR DÉTERMINER UN PARAMÈTRE HÉMODYNAMIQUE PENDANT UN TRAITEMENT SANGUIN EXTRACORPOREL

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Application

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Priority

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Abstract (en)

[origin: WO2018224603A1] The invention relates to a device for extracorporeal blood treatment, comprising a blood treatment unit (1), which has at least one compartment (3). The invention further relates to a device (15A, 15B) for collecting blood clots for a blood line (5, 7) for delivering blood into a blood treatment unit (1) of an extracorporeal blood treatment device or for leading blood away, and to a method for determining a hemodynamic parameter during an extracorporeal blood treatment by means of an extracorporeal blood treatment device. For the determination of the hemodynamic parameter, the conveying direction of the blood pump (10) is reversed from a "normal" blood flow to a "reversed" blood flow. In practice, it has been found that, when the conveying direction of the blood pump is reversed for a measurement in order to determine a hemodynamic parameter, there is a risk that blood clots enter the patient even though the dialyzer holds back blood clots. At least in the blood line of the extracorporeal blood circuit (I) that leads to the blood treatment unit (1) in the case of a "normal blood flow", the device according to the invention provides a device (15A) for catching blood clots. During the blood treatment with a "normal" blood flow, the blood treatment unit holds back blood clots. In the case of "reversed" blood flow, the device for catching blood clots holds back blood clots in the blood line leading to the blood treatment unit (1) in the case of a "normal blood flow", which blood clots may have previously collected at the inlet of the blood treatment unit.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018224603A1

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DOCDB simple family (application)

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